

Notice of Allowability

Appli ation No.

09/636,299

Examiner

Tony Mahmoudi

Applicant(s)

RUBIN ET AL.

Art Unit

2165

-- The MAILING DATE of this communication appears on the cover sheet with the correspondenc address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to THE AMENDMENT FILED ON 08-November-2004.
2. ☒ The allowed claim(s) is/are 1-28.
3. ☒ The drawings filed on 10 August 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Pap r No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


CHARLES RONES
PRIMARY EXAMINER

DETAILED ACTION

Remarks

1. In response to the Amendment and Response to Office Action, filed on 08-November-2004, independent claims 1, 10, 19 and 20 have been amended per applicant's request. Claims 1-28 are pending in the application.

Allowance

2. Claims 1-28 are allowed over the prior art made of record.
3. The following is an examiner's statement of reasons for allowance:

The applicant's amendment, filed on 08-November-2004, overcomes the cited prior art with respect to the independent claims:

Independent claims 1, 10, 19 and 20 have been amended to recite "modifying the graphics display frame buffer's screen pixel data" and "preventing the window from absorbing unmodified (proprietary) screen pixel data into its background, in case the window is defined so as to have a transparent background."

The prior art of record, Ranganathan (U.S. Patent No. 5,754,170), Mast (U.S. Patent No. 5,881,287), Sugiyama et al (U.S. Patent No. 6,289,137), and Spilo et al (U.S. Patent No.

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6,298,422), do not disclose, teach, or suggest the claimed limitations of (in combination with all other features in the claim):

providing screen pixel data to a graphics display frame buffer for rendering on a computer monitor, the screen pixel data including pixel data for a proprietary digital image;

modifying the graphics display frame buffer's screen pixel data by replacing at least the portion of the screen pixel data that is going to be covered by the background of the window with substitute pixel data, prior to the window being displayed over the screen pixel data;

displaying the window over at least a portion of the substitute pixel data, thereby preventing the window from absorbing unmodified screen pixel data into its background, in case the window is defined so as to have a transparent background, as claimed in claim 1.

Claims 2-9 and 21-22 are allowed over the prior art made of record because they are dependents from the allowed independent claim 1.

The prior art of record, Ranganathan (U.S. Patent No. 5,754,170), Mast (U.S. Patent No. 5,881,287), Sugiyama et al (U.S. Patent No. 6,289,137), and Spilo et al (U.S. Patent No. 6,298,422), do not disclose, teach, or suggest the claimed limitations of (in combination with all other features in the claim):

a graphics display frame buffer for storing screen pixel data to be displayed on a computer monitor, the screen pixel data including pixel data for a proprietary digital image;

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a pixel processor for modifying the graphics display frame buffer's screen pixel data by replacing at least the portion of the screen pixel data that is going to be covered by the background of the window with substitute pixel data, prior to the window being displayed over the screen pixel data;

a display processor for displaying the screen pixel data and the modified screen pixel data, and for displaying the window over at least a portion of the substitute pixel data, thereby preventing the window from absorbing unmodified screen pixel data into its background, in case the window is defined so as to have a transparent background, as claimed in claim 10.

Claims 11-18 and 23-24 are allowed over the prior art made of record because they are dependents from the allowed independent claim 10.

The prior art of record, Ranganathan (U.S. Patent No. 5,754,170), Mast (U.S. Patent No. 5,881,287), Sugiyama et al (U.S. Patent No. 6,289,137), and Spilo et al (U.S. Patent No. 6,298,422), do not disclose, teach, or suggest the claimed limitations of (in combination with all other features in the claim):

providing screen pixel data to a graphics display frame buffer for rendering on a computer monitor, the screen pixel data including pixel data for a proprietary digital image;

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modifying the graphics display frame buffer's screen pixel data by replacing at least the portion of the screen pixel data that is going to be covered by the background of the window with substitute pixel data, prior to the window being displayed over the screen pixel data;

displaying the window over at least a portion of the substitute pixel data, thereby preventing the window from absorbing proprietary screen pixel data into its background, in case the window is defined so as to have a transparent background, as claimed in claim 19.

Claims 25-26 are allowed over the prior art made of record because they are dependents from the allowed independent claim 19.

The prior art of record, Ranganathan (U.S. Patent No. 5,754,170), Mast (U.S. Patent No. 5,881,287), Sugiyama et al (U.S. Patent No. 6,289,137), and Spilo et al (U.S. Patent No. 6,298,422), do not disclose, teach, or suggest the claimed limitations of (in combination with all other features in the claim):

a graphics display frame buffer for storing screen pixel data to be displayed on a computer monitor, the screen pixel data including pixel data for a proprietary digital image;

a pixel processor for modifying the graphics display frame buffer's screen pixel data by replacing at least the portion of the screen pixel data that is going to be covered by the background of the window with substitute pixel data, prior to the window being displayed over the screen pixel data;

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a display processor for displaying the screen pixel data and the modified screen pixel data, and for displaying the window over at least a portion of the substitute pixel data, thereby preventing the window from absorbing proprietary screen pixel data into its background, in case the window is defined so as to have a transparent background, as claimed in claim 20.

Claims 27-28 are allowed over the prior art made of record because they are dependents from the allowed independent claim 20.

Conclusion

4. Any inquiries concerning this communication or earlier communications from the examiner should be directed to Tony Mahmoudi whose telephone number is (571) 272-4078. The examiner can normally be reached on Mondays-Fridays from 08:00 am to 04:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici, can be reached at (571) 272-4083.

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January 14, 2005



**CHARLES RONES
PRIMARY EXAMINER**